

## **Addressable Tap Used in Cable TV Network**

### **ABSTRACT**

An addressable Tap used in cable TV networks consisting of a power  
5 supply module, a filter demodulation module, a control module and 8 switches.  
Said power supply module, filter demodulation module and switches are  
electrically connected to the control module. Said modules and switches are all  
installed on a PCB and contained in a housing, which is compatible and about  
plus minus 30% of the existing traditional installed Tap in size; said control  
10 module uses high performance microprocessor, switches are micro RF switches  
in order to be of the smallest total size. Compared with the existing technology,  
this invention is convenient in installation with low costs and will not interrupt the  
transmitted CATV signal. This invention has excellent control effects by high  
isolation and with interference signal on this RF switch for its direct cutting-off  
15 signals to users who owe payments, its continuous rapid switching between on  
and off or its ability to add interference into the signals.